Electronic Acknowledgement Receipt				
EFS ID:	1808661			
Application Number:	10772153			
International Application Number:				
Confirmation Number:	1857			
Title of Invention:	Roller cone bit design using multi-objective optimization			
First Named Inventor/Applicant Name:	Shilin Chen			
Customer Number:	29106			
Filer:	Luke K Pedersen/Wendy Flottman			
Filer Authorized By:	Luke K Pedersen			
Attorney Docket Number:	SC-03-01			
Receipt Date:	24-MAY-2007			
Filing Date:	04-FEB-2004			
Time Stamp:	15:30:03			
Application Type:	Utility			

# Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$1810
RAM confirmation Number	375
Deposit Account	020384

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)		
1	Request for Continued Examination (RCE)	RCEtransmittal046.pdf	67917	no	1		
Warnings:							
This is not a U	SPTO supplied RCE SB30 form.						
Information:							
2		RCE0416.pdf	459176	yes	15		
	Multipart Description/PDF files in .zip description						
	Document Description		Start	End			
	Amendment Submitted/Entered with Filing of CPA/RCE  Claims  Applicant Arguments/Remarks Made in an Amendment		1	1			
			2	10			
			11	15			
Warnings:							
Information:							
3	Fee Worksheet (PTO-06)	fee-info.pdf	8311	no	2		
Warnings:							
Information:							
		Total Files Size (in bytes)	5	35404			

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.